

Application No. 10/085,499
Response to Final Office Action of September 27, 2005

PU010044

Listing of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-20. (canceled)

21-25. (canceled)

26. (currently amended): A The telephony protection device of claim 21, comprising :

a first stage having a first first-stage input connectable to a tip line of a telephony network, a second first-stage input connectable to a ring line of the telephony network, a first input resistance in series with said first first-stage input and defining a first first-stage output for the tip line, a second input resistance in series with said second first-stage input and defining a second first-stage output for the ring line, a singular spark gap provided across said first first-stage output and said second first-stage output, and dual secondary spark gaps connected in parallel with said singular spark gap and across said first first-stage output and said second first-stage output; and

a second stage having a first second-stage input connected to said first first-stage output, a second second-stage input connected to said second first-stage output, a first filter connected between said first second-stage input and a first second-stage output connectable to a telephony device for attenuating a transient voltage developed on the tip line by said singular spark gap, and a second filter connected between said second second-stage input and a second

Application No. 10/085,499
Response to Final Office Action of September 27, 2005

PU010044

second-stage output connectable to the telephony device for attenuating a transient voltage developed on the ring line by said singular spark gap;

wherein said first filter of said second stage comprises a first inductor in series between said first second-stage input and said first second-stage output and a first capacitor connected between said first second-stage output and ground, and said second filter of said second stage comprises a second inductor in series between said second second-stage input and said second second-stage output and a second capacitor connected between said second second-stage output and ground.

27-32. (canceled)

33. (currently amended): A The telephony protection device of claim 27, comprising:

a first stage having a first first-stage input connectable to a tip line of a telephony network, a second first-stage input connectable to a ring line of the telephony network, a first current limiter in series between said first first-stage input and a first first-stage output for the tip line, a second current limiter in series between said second first-stage input and a second first-stage output for the ring line, a singular spark gap provided across said first first-stage output and said second first-stage output, and dual secondary spark gap circuitry connected in parallel with said singular spark gap and across said first first-stage output and said second first-stage output; and

a second stage having a first second-stage input connected to said first first-stage output, a second second-stage input connected to said second first-stage output, first transient voltage filter circuitry connected between said first second-stage input and a first second-stage

Application No. 10/085,499
Response to Final Office Action of September 27, 2005

PU010044

output connectable to a telephony device, and second transient voltage filter circuitry
connected between said second second-stage input and a second second-stage output
connectable to the telephony device;

wherein said first transient voltage filter circuitry of said second stage comprises a first inductor connected in series between said first second-stage input and said first second-stage output and a first capacitor connected between said first second-stage output and ground, and said second transient voltage filter circuitry of said second stage comprises a second inductor in series between said second second-stage input and said second second-stage output and a second capacitor connected between said second second-stage output and ground.

34-39. (canceled)